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AMSAT NEWS SERVICE
ANS-052

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor(a)amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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AMSAT News Service Bulletin 052.01
To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
 712 H Street NE Suite 1653
 Washington, DC 20002

DATE 2021 Feb 21

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Replays of AMSAT Presentations at HamCation Available

AMSAT participated in the 2021 Virtual Orlando HamCation on Sunday, February 14, 2021. Replays of the presentations are available on YouTube:

AMSAT CubeSat Simulator - Dr. Alan Johnston, KU2Y, AMSAT Vice President - Educational Relations
https://www.youtube.com/watch?v=J0eLHJ9vuqc

AMSAT: Onward and Upward - Robert Bankston, KE4AL, AMSAT President

https://www.youtube.com/watch?v=n974-Jpuu2I and continuing at
https://www.youtube.com/watch?v=NaX19ohrd-I

AMSAT Engineering Updated - Jerry Buxton, N0JY, AMSAT Vice President - Engineering
https://www.youtube.com/watch?v=lcQqP-IRlcI

[ANS thanks AMSAT for the above information]

FO-29 March Operations Schedule

All times are UTC
The operation is until UVC (under-voltage control) operates. The battery dates from 1996, and cannot be fully charged. Note that this seldom allows for operation over North America.

DD	on times
6	00:45- 02:30-
7	01:35- 03:20-
13	01:20- 03:05-
14	00:25- 02:10-
20	01:55- 03:40-
21	01:00-
27	00:45- 02:30-
28	01:35- 03:20-

[ANS thanks Akira Kaneko, JA1OGZ, for the above information]

VUCC Awards-Endorsements for February 1, 2021

Here are the endorsements and new VUCC Satellite Awards issued by the ARRL for the period January 1, 2021 through February 1, 2021. Congratulations to all those who made the list this month!

CALL	Jan	Feb
WA4NVM	1557	1568
WD9EWK (DM43)	630	632
VE7CEW	501	555
NM3B	481	553
N9FN	499	526
N7EGY	502	501 ??
ND0C	450	500
AC9O	359	475
W0NBC	435	437
PV8DX	373	412
KF6JOQ	353	403
AK7DD	376	390
W8LR	300	328
S57NML	205	291
K5ZM	179	277
VE4MM	227	263
VU2LBW	246	260
VE6WQ	New	232
KV4T	New	219
DG7YEO	New	217
KF0QS	115	205
NA1ME	175	200
W4ALF	102	200
WD9EWK (DM41)	176	187

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WA8ZID   126     176
DG3YJB   New     103
HB9GWJ   New     102
VE6BMX   New     102
AA8CH (EN84)     New     101
AB0XE     New     100
KN4ZUJ   New     100
KS4YT   New     100
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If you find errors or omissions. please contact me off-list at <mycall>@<mycall>.com and I'll revise the announcement. This list was developed by comparing the ARRL .pdf listings for the two months. It's a visual comparison so omissions are possible. Apologies if your call was not mentioned. Thanks to all those who are roving to grids that are rarely on the birds. They are doing most of the work!

[ANS thanks Ron Parsons, W5RKN, for the above information]

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The downlink frequency is presently scheduled to be 145.800 MHz
The latest information on the operation mode can be found at
https://www.ariss.org/current-status-of-iss-stations.html
The scheduled astronaut is Mike Hopkins KF5LJG
Contact is go for: Wed 2021-02-24 18:41:13 UTC 48 deg

Watch for live stream at: https://youtu.be/1RgszX0npbQ

The latest information on the operation mode can be found at
https://www.ariss.org/current-status-of-iss-stations.html

The latest list of frequencies in use can be found at
https://www.ariss.org/contact-the-iss.html

[ANS thanks Charlie Sufana, AJ9N, one of the ARISS operation team mentors
for the above information]

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Upcoming Satellite Operations

****Watch Twitter, there are lots pop-up roves happening lately, and I can’t keep this page updated with all of them.****

Spring Training Rove! KX9X will be heading down to Ft Myers, FL the week of March 7 for some sun and baseball. Will activate EL86 & 96 holiday style for sure, possibly a couple other grids as well. Linear/FM. Details soon.

N6UA: I’ve had enough of the arctic zephyr … I’m headed south. I don’t have exact details yet – but the plan is to rove to DM74 for passes on February 19th. I’ll be overnight, so plenty of opportunities. Probably headed down via the “7s” and home into the “8s”

CM93 Possibility: N6DNM Very long shot, but might want to put it on your calendar for May 15th, if you can figure out where it is and for SOTA folks, that would be W6/SC-336, Santa Rosa Island, activated only once before.

[ANS thanks Paul Overn, KE0PBR, AMSAT rover page manager, for the above information]

Hamfests, Conventions, Maker Faires, and Other Events
,
AMSAT Ambassador and ARRL registered instructor Clint Bradford, K6LCS, is certainly keeping busy!

He reports these upcoming satellite presentation dates …

02/17 - St. George, Utah
02/23 - Franklin, Indiana
03/10 - Trenton, New Jersey
03/11 - Clearwater, Florida
03/13 - QSO TODAY 2021 Virtual Convention (https://www.qsotodayhamexpo.com/)
03/16 - Palm Springs, CA
03/20 - Bonham, Texas
04/01 - Orem, Utah
06/15 - East Massachusetts

… and more being scheduled.

Think a 90-minute lively, informative, and fun “How to Work the Easy Satellites” Zoom presentation would be appropriate for your convention or club? Always includes are overviews of the ARRL, AMSAT, and ARISS … and pre-presentation questions are solicited and welcome.

Send Clint an email or call!

Clint Bradford K6LCS
http://www.work-sat.com
909-999-SATS (7287)

[ANS thanks Clint Bradford, K6LCS, AMSAT Ambassador, and Paul Overn, KE0PBR, AMSAT Events Page Manager, for the above information]

Satellite Shorts From All Over

+ Virgin Orbit published a Payload Profiles video that showcases AO-109 (RadFxSat-2). The video is available at https://www.youtube.com/watch?v=M2VSpX0vWJI&feature=youtu.be

+ The Mars 2020 Perseverance rover successfully landed on Mars on February 18, 2021. AMSAT-DL tracked signals from the cruise stage until the rover separated approximately 10 minutes before landing on their 20 meter dish at the Bochum Observatory. A replay is available at: https://www.youtube.com/watch?v=m36CQLyS1Lo

+ EO-88 (Nayif-1) celebrated its 4th birthday on February 14th. Carrying a FUNcube linear transponder, the satellite continues to provide a high power telemetry downlink when in sunlight and a linear transponder for amateur radio operations in eclipse.

+ Several new products are available on the AMSAT Zazzle store, including a set of coasters, a watch, a t-shirt featuring the AMSAT round logo, and more. Check out the new items! 25% of the purchase price goes towards Keeping Amateur Radio in Space. https://www.zazzle.com/amsat_gear

+ All issues of The AMSAT Journal dating back to 2014 are now available to AMSAT members on AMSAT's new membership portal. The 1969-2013 archive will be added at a later date. All editions of AMSAT's Symposium Proceedings are also available for members. If you're a current AMSAT member, get logged on today. If you are not yet a member, consider joining today at https://launch.amsat.org/

+ The 2020 edition of AMSAT's Getting Started with Amateur Satellites is now available on the AMSAT store. A perennial favorite, Getting Started is updated every year with the latest amateur satellite information, and is the premier primer of satellite operation. The book is presented in DRM-free PDF format, in full color, and covers all aspects of making your first contacts on a ham radio satellite. The digital download is available for $15 at https://tinyurl.com/2020GettingStarted. The print edition is $30 plus shipping and is available at https://tinyurl.com/GS2020Print

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. President's Club donations may be made at https://www.amsat.org/join-the-amsat-presidents-club/

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.

Join AMSAT today at https://launch.amsat.org/

73 and remember to help Keep Amateur Radio in Space,

This week's ANS Editor,

Paul Stoetzer, N8HM
n8hm at amsat dot org